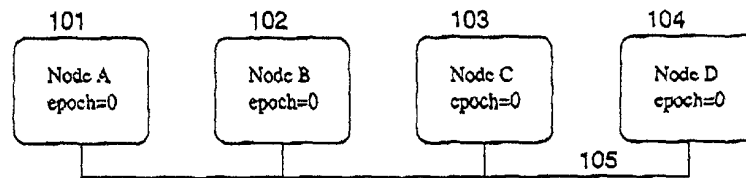


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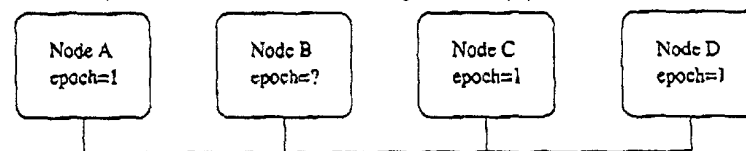
Figure 1



**Event 1**

Node B unable to communicate with others  
 Nodes A, C, and D notified through heartbeat system

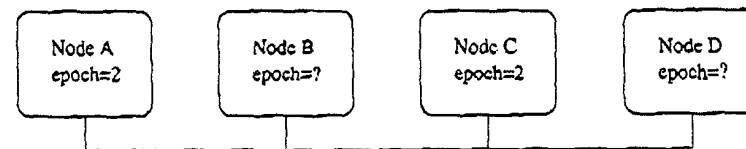
Nodes A, C and D execute LAPI\_Purge\_totask(B) which causes epoch\_no++;



**Event 2**

Node D unable to communicate with others. Nodes A and C notified through heartbeat system

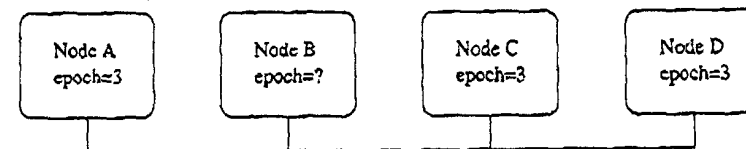
Nodes A and C execute LAPI\_Purge\_totask(D) which causes epoch\_no++



**Event 3**

Node D comes back online and can now participate in the computation/communication notified through heartbeat system

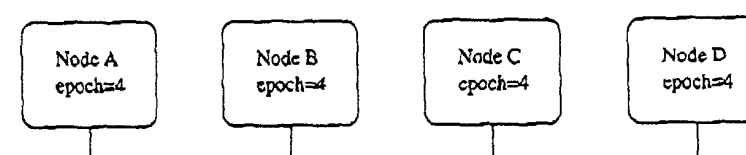
Nodes A, C, and D execute LAPI\_Resume\_totask(D) which causes epoch\_num++



**Event 4**

Node B comes back online and can now participate in the computation/communication notified by the heartbeat system

Nodes A, B, C, and D execute LAPI\_Resume\_totask(B) which causes epoch\_num++



Example Scenario showing the recovery model

FIG. 10 "Sequence"